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SUSQUEHANNA SHAD STUDY PROGRAM EXTENDED THROUGH JUNE OF 1966

The project, begun in the spring of 1963, was scheduled to terminate in December 1965. A recent meeting of representatives from power companies maintaining dams on the river, State conservation departments of Maryland, New York, and Pennsylvania, and Interior's Bureau of Sport Fisheries and Wildlife and Bureau of Commercial Fisheries, determined that the study phase concerning adult shad should continue through one more spawning season.

"Several adult shad carrying sonic devices that transmit signals to shore receivers, and shad wearing the standard visual tags, have been transplanted in the Susquehanna above the dams," McBroom said. "Some signals were picked up both above and below the point of release by the receiving equipment, but many of the sonic-tagged fish were never 'heard from' again."

The second phase is to determine whether adult shad will migrate upstream through the impoundments if they are provided a means of bypassing the dams.

"The Conowingo Dam fish trap in Maryland, which was constructed for the study, is being modified, and we intend to transplant a much larger number of tagged fish this spring to get a definite answer to this second question," McBroom added.

The research project has been a cooperative one, with State and Federal agencies providing biologists and equipment. The power companies -- Philadelphia Electric Company, Pennsylvania Power and Light Company, Metropolitan Edison Company, and the Safe Harbor Water Power Corporation-- volunteered to finance the study which could lead to a Federal Power Commission ruling that fishways be constructed around the four dams involved. The companies have provided nearly \$200,000 for the study.

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